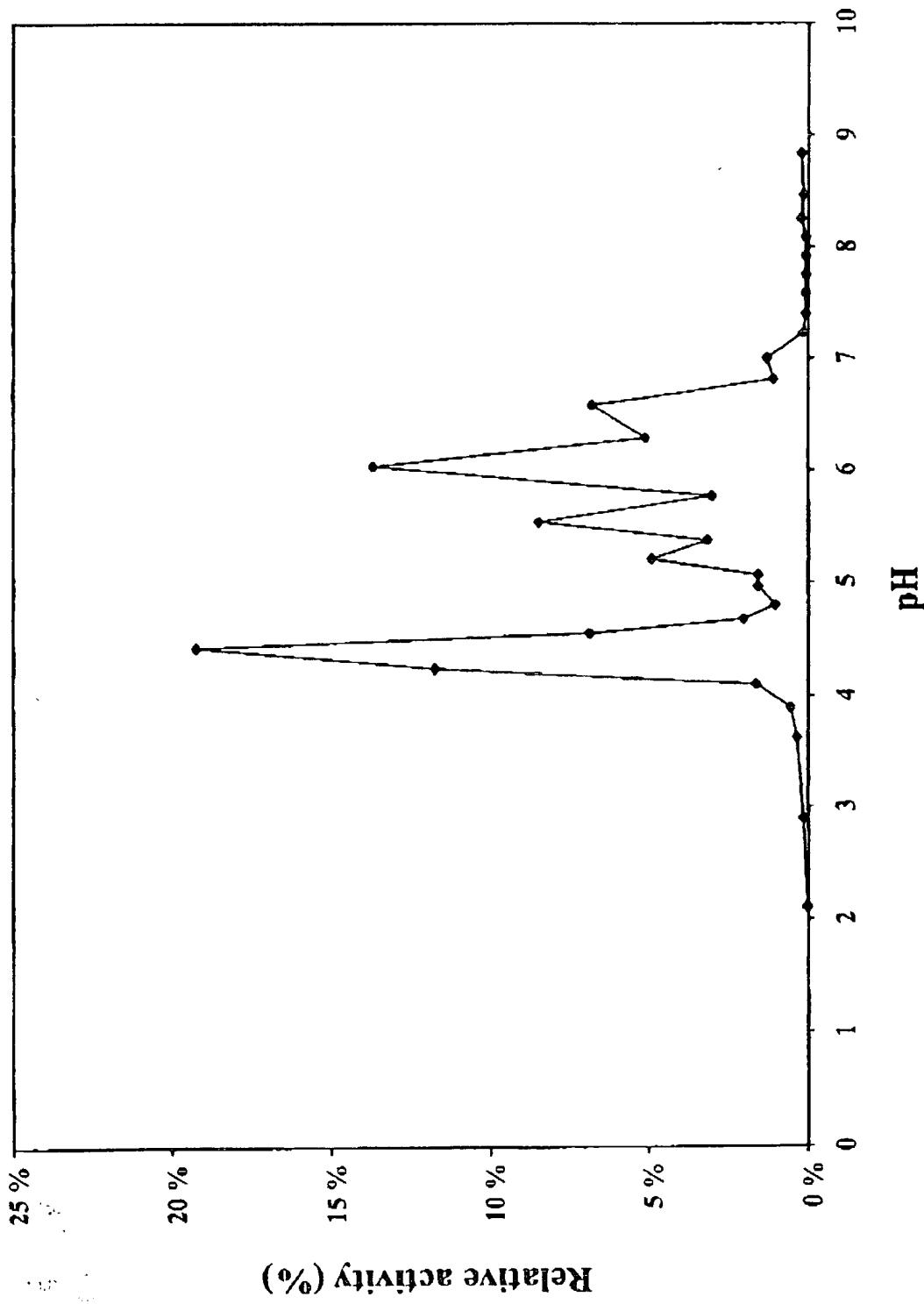
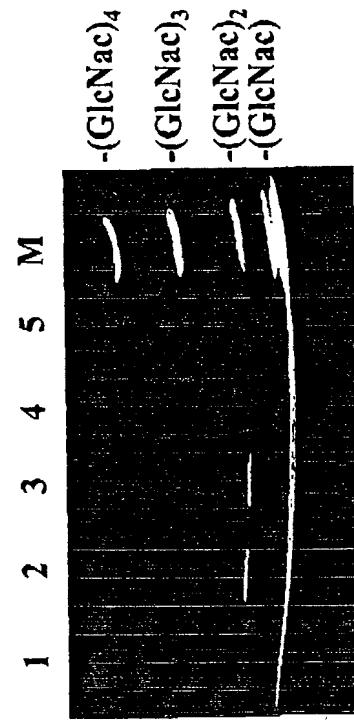


Figure 1



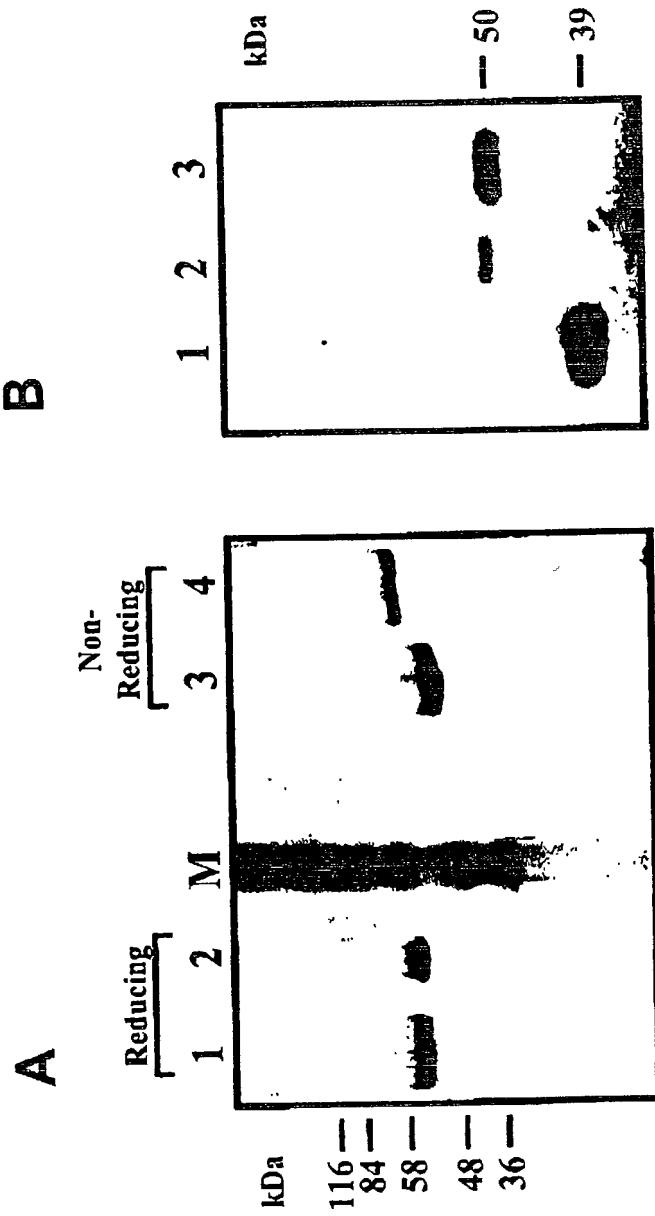
TITLE: A MAMMALIAN MUCINASE: ITS RECOMBINANT
PRODUCTION, AND ITS USE IN THERAPY OR
PROPHYLAXIS AGAINST DISEASES IN WHICH MUCUS IS
INVOLVED OR INFECTED
Inventor: Aerts et al.
Serial No. 10/004,219

Figure 2



TITLE: A MAMMALIAN MUCINASBE, ITS RECOMBINANT
PRODUCTS, AND ITS USE IN THE TREATMENT OF
PROPHYLAXIS AGAINST DISEASES IN WHICH MUCUS IS
INVOLVED OR INFECTION DISEASES
Inventor: Aerds et al.
Serial No. 10/004,219

Figure 3

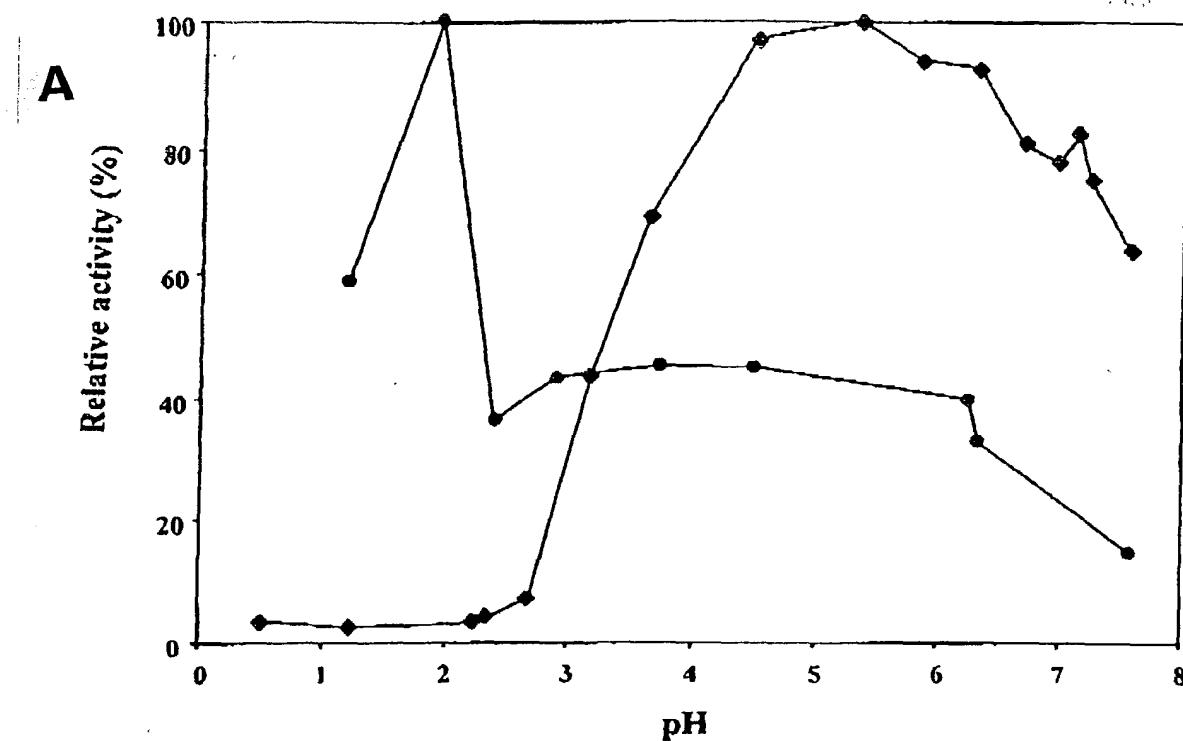


IN VIVOLED OR INFECTION DISSEASES
PROPHYLAXIS AGAINST DISSEASES IN WHICH MUCUS IS
INVOLVED IN THE THERAPY OR
PRODUCTION, AND ITS USE IN THE THERAPY OF
INVETORI: Aerts et al.
Serial No. 10/004,219

TITLE: A MAMMALIAN MUCINASE, ITS RECOMBINANT PRODUCTION, AND ITS USE IN THERAPY OR PROPHYLAXIS AGAINST DISEASES IN WHICH MUCUS IS INVOLVED OR INFECTION DISEASES

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Serial No. 10/004,219

Figure 4



B

	pH2	pH7
h-chitotriosidase	0%	100%
m-AMCase	108%	98%

C

TCA(%)	0.5	1.25	2.5	5.0
h-chitotriosidase	58%	74%	97%	100%
m-AMCase	0%	8%	74%	100%

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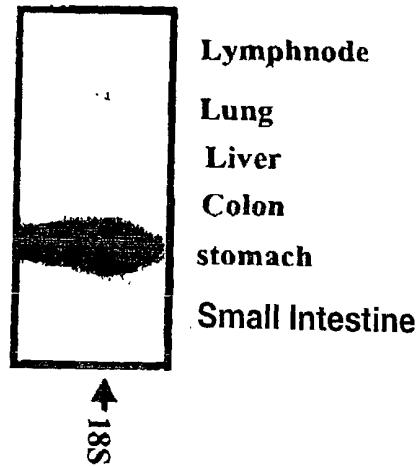
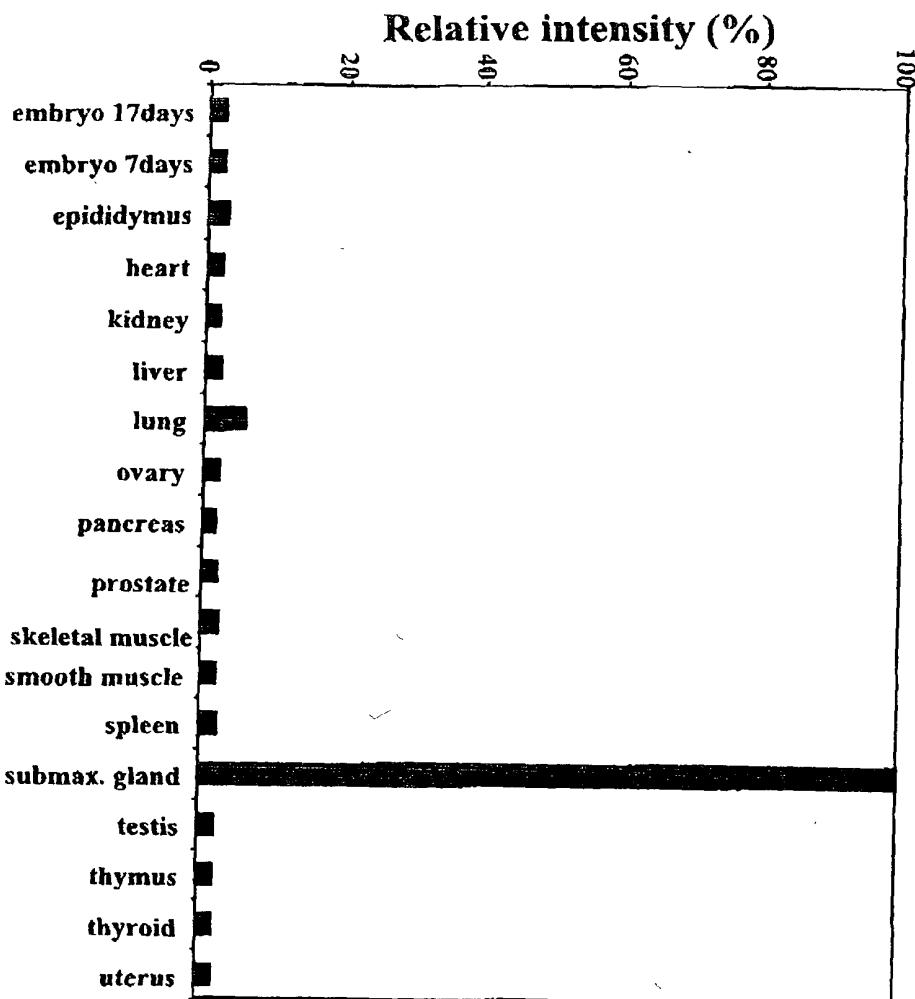


Figure 5

TITLE: A MAMMALIAN MUCINASE, ITS RECOMBINANT PRODUCTION, AND ITS USE IN THERAPY OR PROPHYLAXIS AGAINST DISEASES IN WHICH MUCUS IS INVOLVED OR INFECTION DISEASES

Inventor: Aerts et al.
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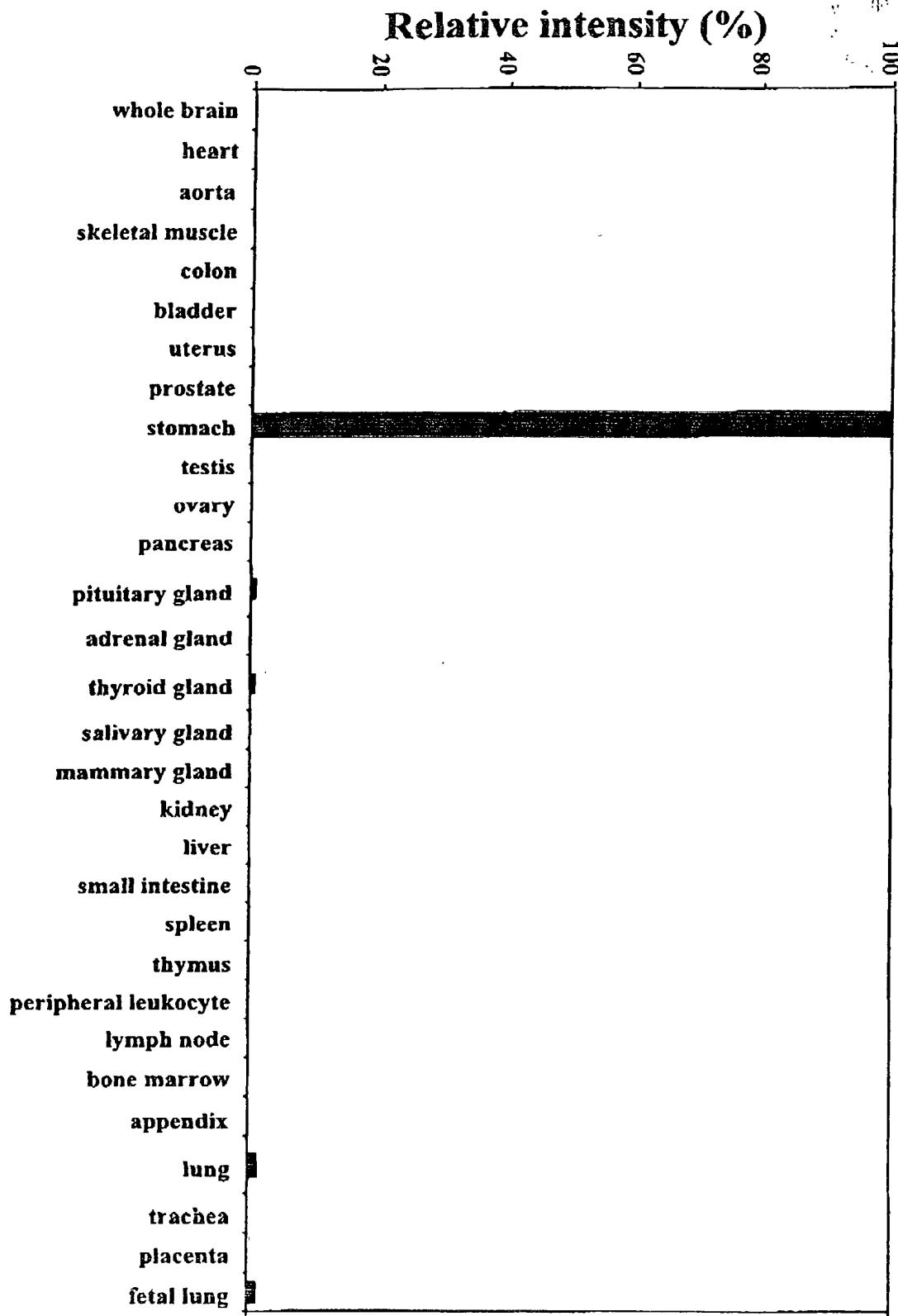
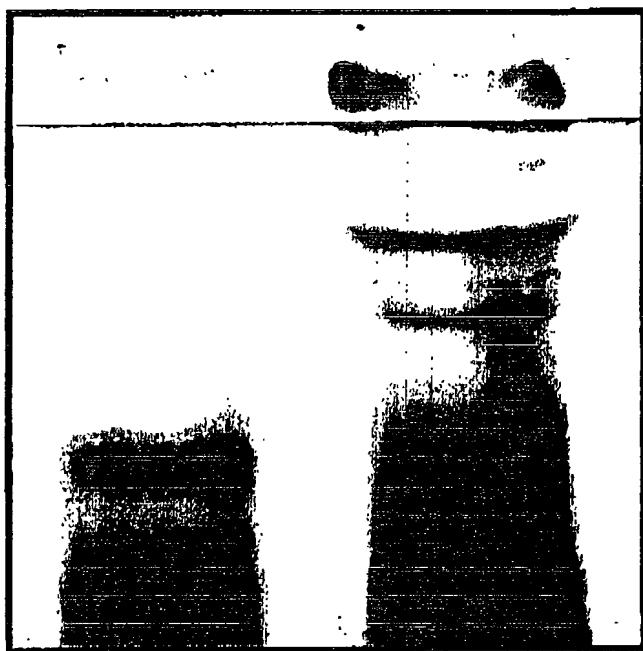


Figure 6

TITLE: A MAMMALIAN MUCINASE, ITS RECOMBINANT
PRODUCTION, AND ITS USE IN THERAPY OR
PROPHYLAXIS AGAINST DISEASES IN WHICH MUCUS IS
INVOLVED OR INFECTION DISEASES

Inventor: Aerts et al.
Serial No. 10/004,219

Figure 7



TITLE: A MAMMALIAN MUCINASE, ITS RECOMBINANT
PRODUCTION, AND ITS USE IN THERAPY OR
PROPHYLAXIS AGAINST DISEASES IN WHICH MUCUS IS
INVOLVED OR INFECTION DISEASES

Inventor: Aerts et al.
Serial No. 10/004,219

Figure 8. From top to bottom: amino acid sequence (m) AMCase (SEQ ID NO:9), (h) AMCase (SEQ ID NO:14) and (h) chitotriosidase (SEQ ID NO:10). Residues conserved among at least two out of the three sequences are in bold.

1 YNLICYFTNWAQYRPGLGSFKPDDINPCLCUTHLIYAFAGMQNN 43
1 YQLTCYFTNWAQYRPGLGRFMPDNIDPCLCUTHLIYAFAGRQNN 43
1 AKLVCYFTNWAQYRQGEARFLPKDLDPSLCTHLIYAFAGMTNH 43

44 EITTIEWNDVTLYKAFNDLKNRNSKLKTLLAIGGWNFGTAPF 85
44 EITTIEWNDVTLYQAFNGLKNKNSQLKTLLAIGGWNFGTAPF 85
44 QLSTTEWNDETLYQEFDNGLKKMNPKLKTLLAIGGWNFGTQKF 85

86 TTMVSTSQNRQTIFITSVIKFLRQYGF DGL DWEYPGSRGSP 128
86 TAMVSTPENRQTIFITSVIKFLRQYEF DGL DWEYPGSRGSP 128
86 TDMVATANNRQTTFVNSAIRFLRKYSFDGL DLDWEYPGSQGSPA 128

129 QDKHLFTVLVKE MRE AFE QEA IE SNR PRL MVTAA VAGG IS NIQ 171
129 QDKHLFTVLVQEMRE AFE QEA KQINKPRLMVTAA VAGG IS NIQ 171
129 VDKERFTTLVQDLANAFAQQEA QTSGKERLLSAAVPAGQTYVD 171

172 AGYEIPELSKYLDFIHVM TYDLHGSWEGYTGENSPLYKYPT 213
172 SGYEIPQLSQYLDYIHVM TYDLHGSWEGYTGENSPLYKYPTD 213
172 AGYEVDKIAQNLD FVNLMAYDFHGSWEKV TGHNSPLYKRQEE 213

214 TGSNAYLNVDYVMNYWKNN GAPA EK LIVGFPEYGH FILRNPS 256
214 TGSNAYLNVDYVMNYWKDN GAPA EK LIVGFPTYGHNFILSNPS 256
214 SGAAAASLNVDAAVQQWLQKGTPASKLILGMPTYGRSFTLASSS 256

257 DNGIGAPTSGDGPAGAYTRQAGFWAYYEICTFLRSGATEVWDA 299
257 NTGIGAPTSGAGPAGPYAKESGIWAYYEICTFLKNGATQGWDA 299
257 DTRVGAPATGSGTPGPFTKEGGMLAYYEVC SW - - KGATKQRIQ 297

300 S QEV PYA YKANE WLGYDNIKSFSVKAQWLKQNNFGGAMIWAID 342
300 PQEV PYA YQGNVWVG YDNIKSFDIKAQWLKH NKFGGAMVWAID 342
300 QV PYI FRDNQWVG FDDVESFKTKVSYLKQKGLGGAMVWALD 340

343 LDDFTGSFC DQGKFPLTSTLNKALGISTEGCTAPDV PSEPVTT - 385
343 LDDFTGTFCNQGKFPLISTLKKALGLQSASCTAPAQPIEPITAA 386
341 LDDFAGFSCNQGRYPLIQT LRQELSLPYLPSGTPEL-EVPKPGQ 383

386 - PPGSGSGGGSSGGSSGGFCADKADGLYPVADDRNAFWQC 426
387 PSGSGNGSGSSSSGGSSGGFCAVRANGLYPVANNRNAFWHC 429
384 PS - - - - EPEHGPSPGQDTFCQGKADGLYPNPRERSSFYSC 419

INGITYQQHCQAGLVFDTSNC CNWP 452
VNGVTYQQNCQAGLVFDTS CDCC NW A 455
AAGRLFQQSCP TGLVFSNSCKC CTWN 445